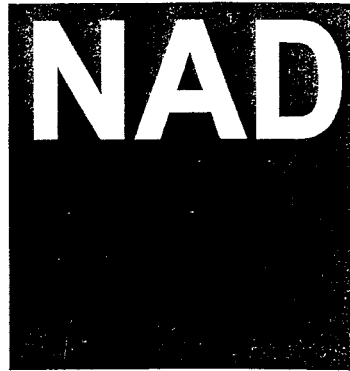


SERVICE MANUAL



S 300

**INTEGRATED
AMPLIFIER**

S 300

**INTEGRATED
AMPLIFIER**

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SERVICE SAFETY PRECAUTIONS

1. Replacing the Fuses

CAUTION: FOR CONTINUED PROTECTION AGAINST THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE OF FUSE.

REFERENCE NO.	PART NUMBER	DESCRIPTION
F1*AH	5100-2510-1C	Fuse 250mA250V Time Lag UL/CSA
F2*AH	5120-0061-0	Fuse 12A250V Time Lag 6.3x32mm UL/CSA
F1*C	5120-0035-0	Fuse 100mA250V Time Lag LBC VDE/SEMKO
F2*C	5120-0025-0	Fuse 6.3A 250V Time Lag HBC VDE/SEMKO

NOTE:

*AH : North American model only

*C : European model only

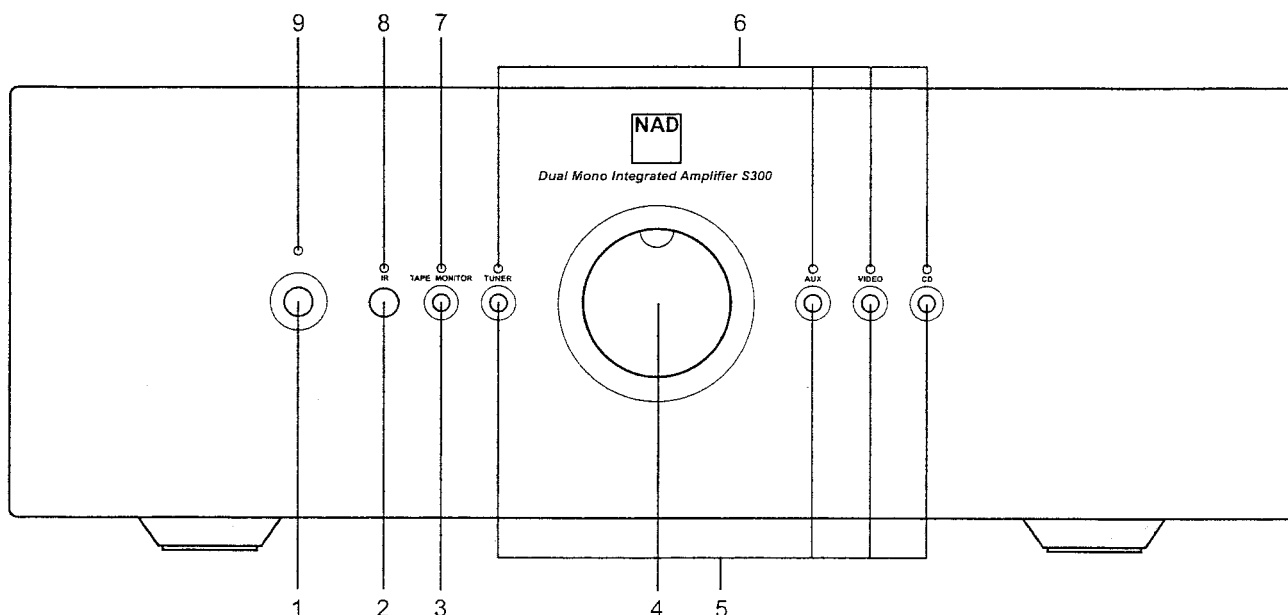
2. Safety-check out (North American model only)

Parts marked with the symbol  are critical with regard to the risk of fire and electric shock. Replace only with parts recommended by the manufacturer.

Before returning the product to the customer, make leakage current or resistance measurements to determine that exposed parts are acceptably insulated from the supply circuit.

FRONT PANEL / REAR PANEL VIEW

FRONT PANEL CONTROLS



- | | | |
|-----------------------|--------------------|---------------------------|
| 1. POWER SWITCH | 4. VOLUME CONTROL | 7. TAPE MONITOR INDICATOR |
| 2. INFRA-RED RECEIVER | 5. INPUT SELECTOR | 8. INFRA-RED INDICATOR |
| 3. TAPE MONITOR | 6. INPUT INDICATOR | 9. POWER INDICATOR |

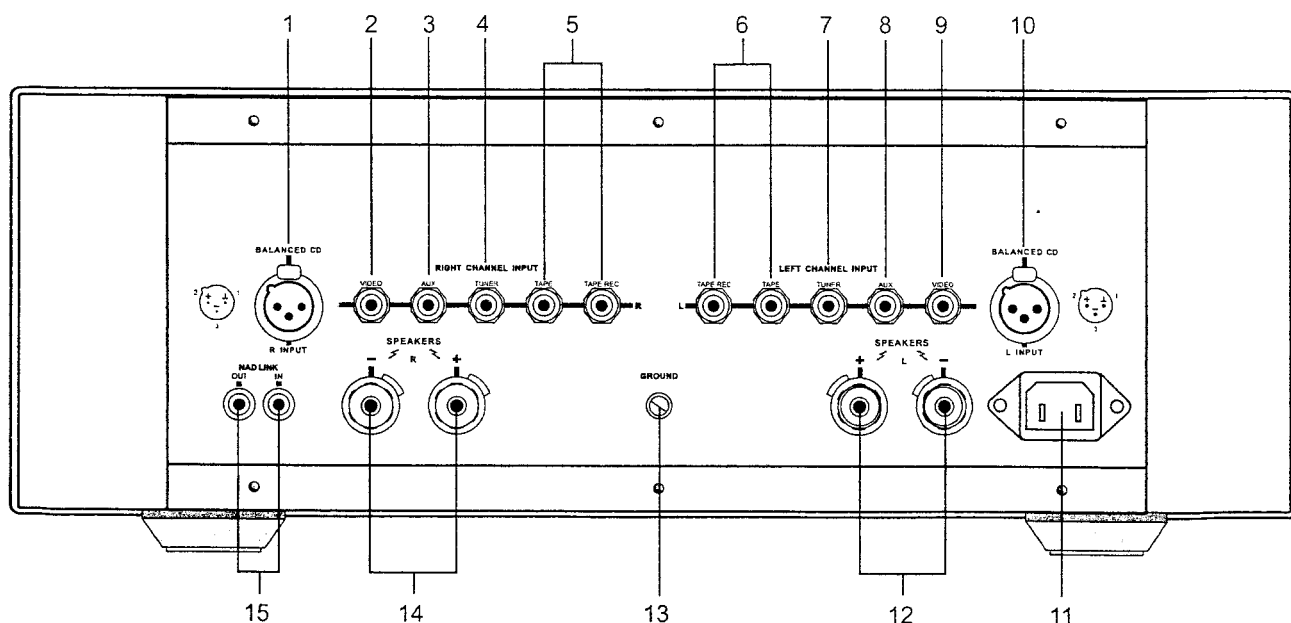


The graphic symbol of a lightning flash with an arrow point within a triangle signifies that there is dangerous voltage within the unit and it poses a hazard to anyone removing the cover to gain access to the interior of the unit. **Only qualified service personnel should make such attempt.**



The graphic symbol of an exclamation point within an equilateral triangle warns a user of the device that it is necessary to refer to the instruction manual and its warnings for proper operation of the unit.

REAR PANEL CONNECTIONS



- | | | |
|----------------------------|----------------------------|---------------------------|
| 1. RIGHT BALANCED CD INPUT | 6. LEFT TAPE INPUT/OUTPUT | 11. AC INLET |
| 2. RIGHT VIDEO INPUT | 7. LEFT TUNER INPUT | 12. LEFT SPEAKER OUTPUT |
| 3. RIGHT AUX INPUT | 8. LEFT AUX INPUT | 13. GROUND TERMINAL |
| 4. RIGHT TUNER INPUT | 9. LEFT VIDEO INPUT | 14. RIGHT SPEAKER OUTPUT |
| 5. RIGHT TAPE INPUT/OUTPUT | 10. LEFT BALANCED CD INPUT | 15. NAD LINK INPUT/OUTPUT |

SPECIFICATIONS

Measured in accordance with EIA Standard RS-490 (IHF-A-202) 1978.

Continuous average power output at 8 Ω (Minimum power per channel, 20Hz-20kHz, both channels driven, with no more than rated distortion)		100W (20dBW)
Input impedance	Single ended	10K Ω
	Balanced	20K Ω
Sensitivity (for rated power into 8 Ω)		350mV
Signal-to-Noise ratio (A-weighted)	ref. 1W	88dB
Frequency response	20Hz - 20kHz	+/-0.1dB
	-3dB	DC - 250kHz
Gain tracking error		+/-0.1 at maximum +/-3dB at -60dB level
Damping factor (ref. 8 Ω , 50 Hz)		>110

Physical specifications

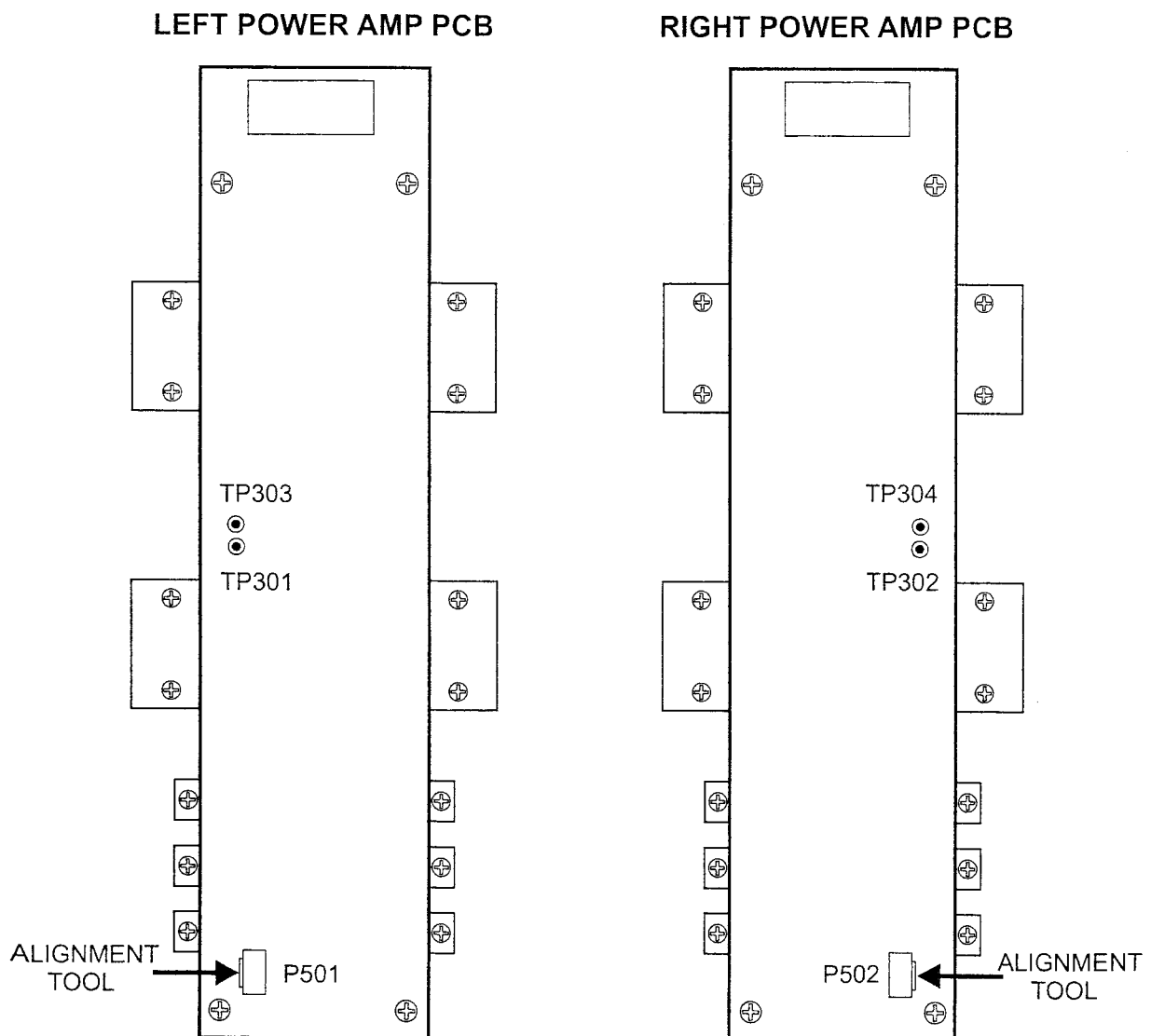
Dimensions (W x H x D)	450 x 160 x 400 mm
Net weight	25.5 kg / 56.1 lbs

ALIGNMENT PROCEDURE

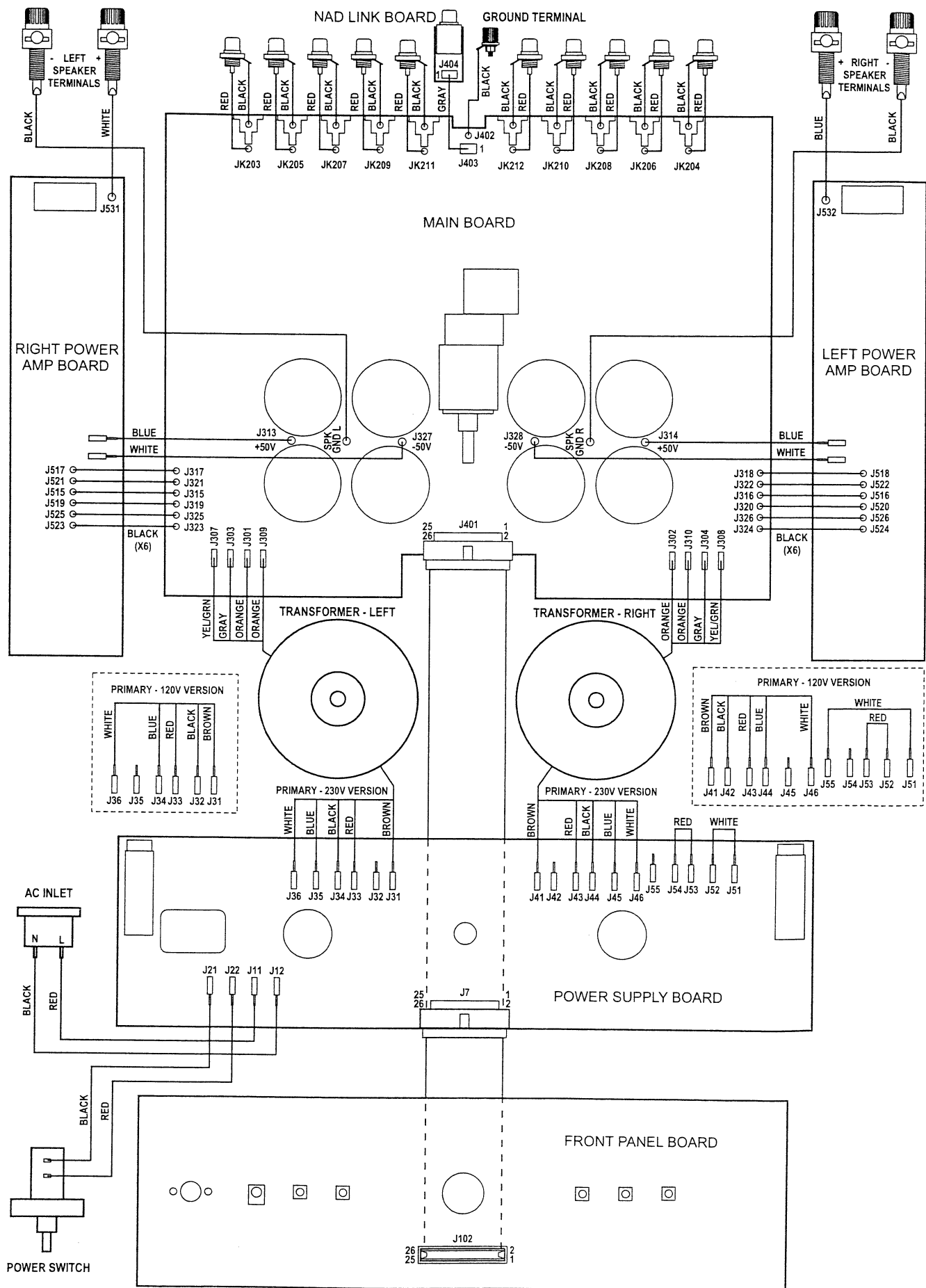
IDLE CURRENT ALIGNMENT (no load, no signal)

1. Connect a digital millivoltmeter between TP301 and TP303, and adjust P501 to obtain a reading of between 30mV and 35mV.
2. Transfer the digital millivoltmeter to TP302 and TP304 and adjust P502 to obtain a reading of between 30mV and 35mV.
3. Leave power on for at least 5 minutes to allow the idle currents to stabilize.
Re-adjust P501 and P502 as necessary to obtain a reading of between 30mV to 35mV on each channel.

ADJUSTMENT POINTS

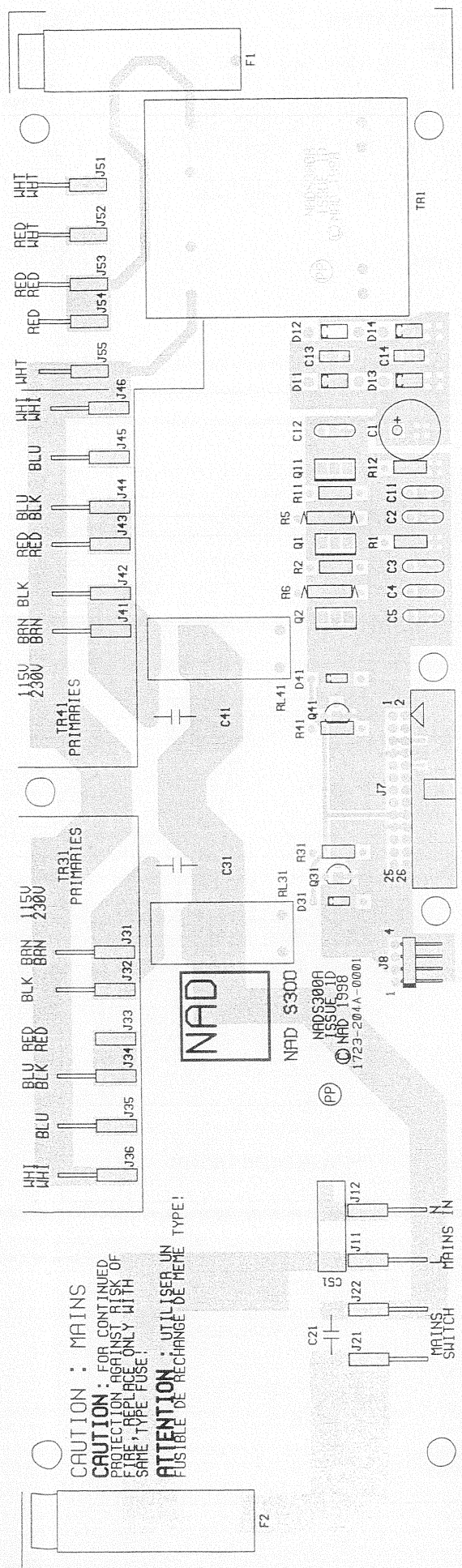


WIRING DIAGRAM

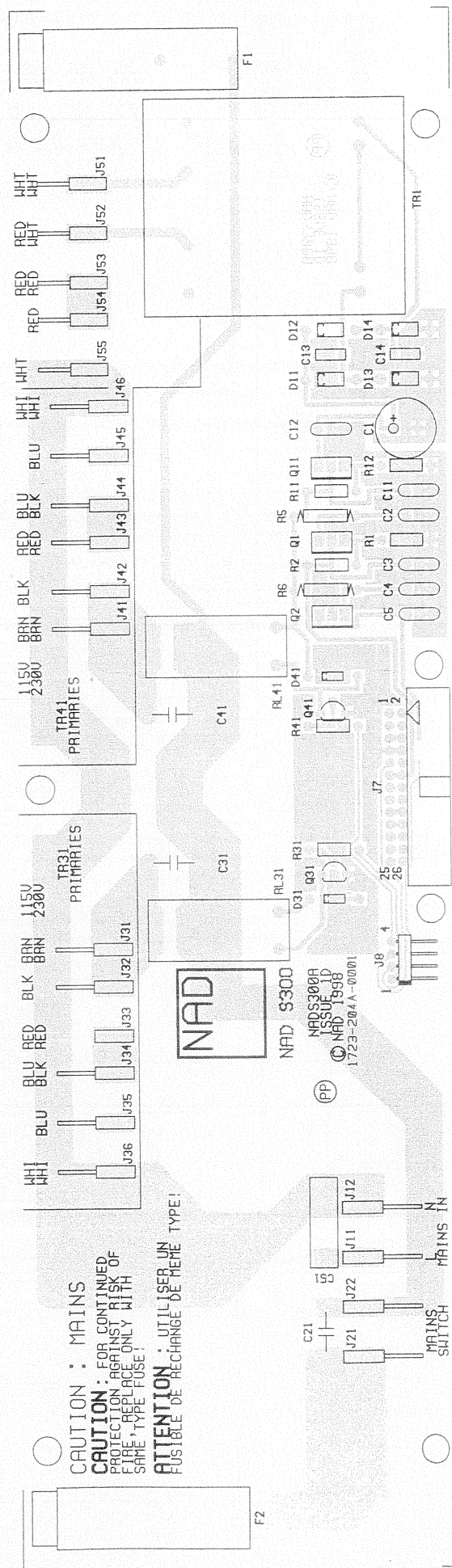


PCB LAYOUT

PSU BOARD - COMPONENT SIDE



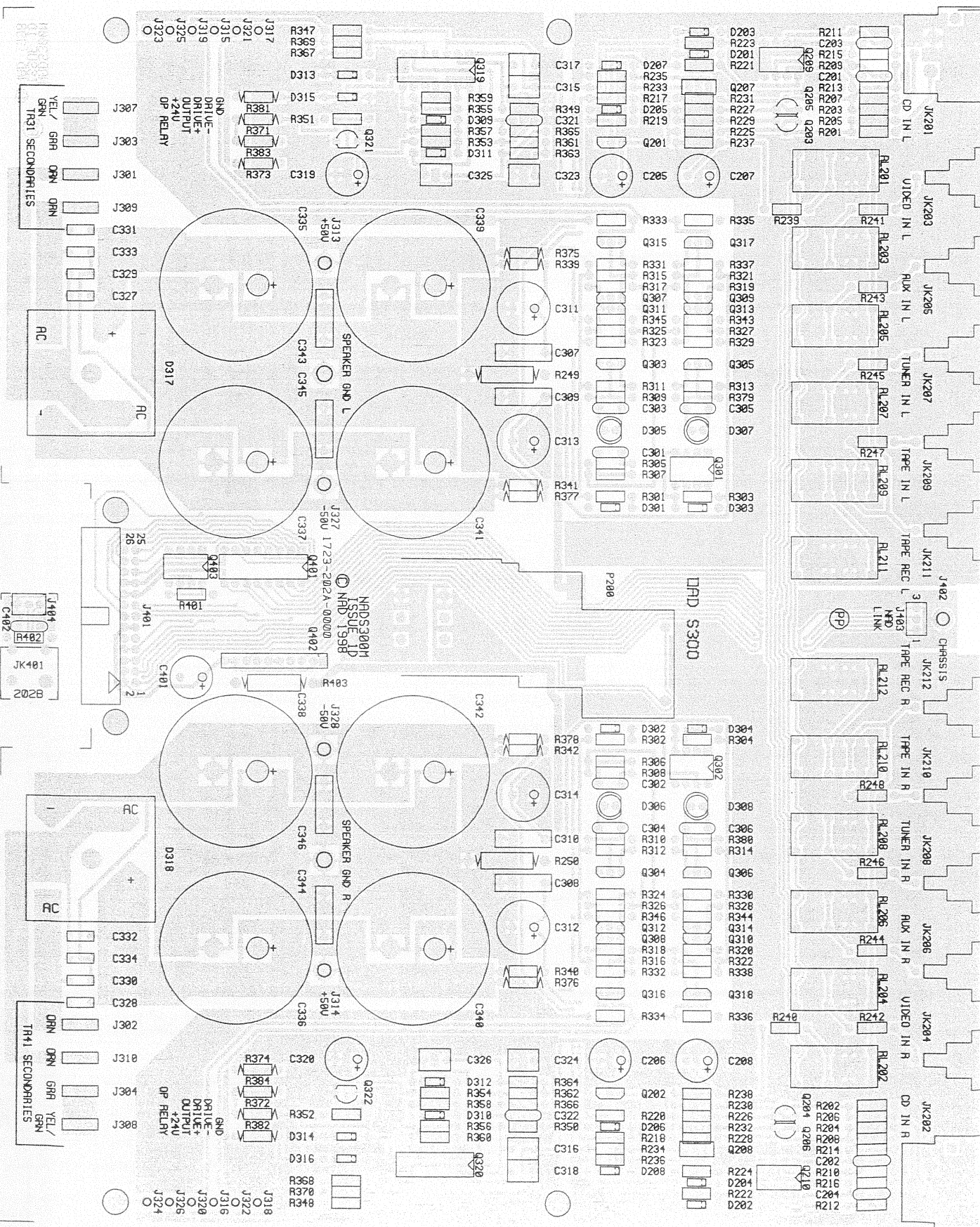
PSU BOARD - SOLDER SIDE



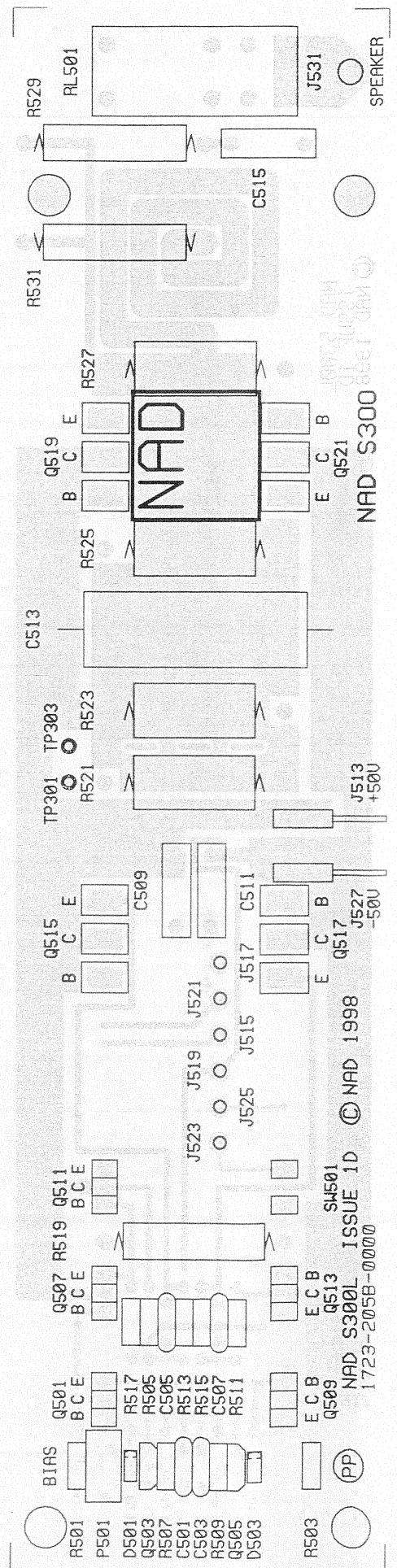
MAIN BOARD - COMPONENT SIDE



MAIN BOARD - SOLDER SIDE

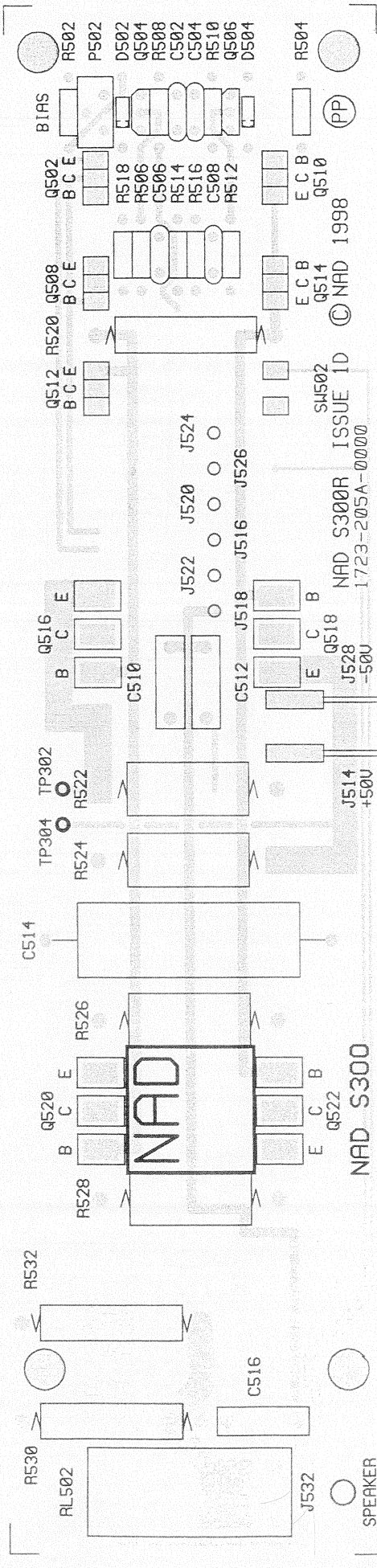


LEFT AMP BOARD - SOLDER SIDE

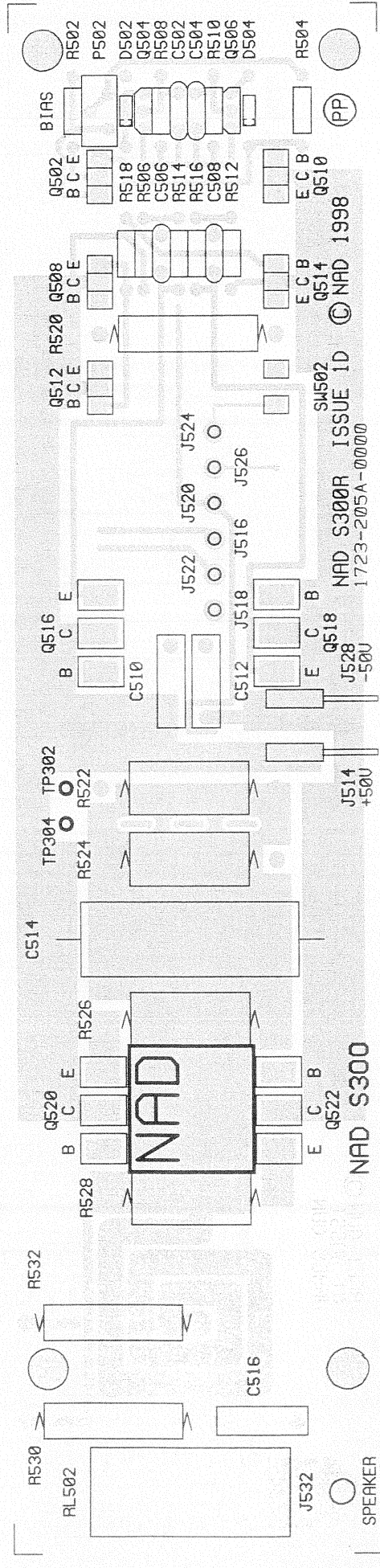


PCB LAYOUT

RIGHT AMP BOARD - COMPONENT SIDE

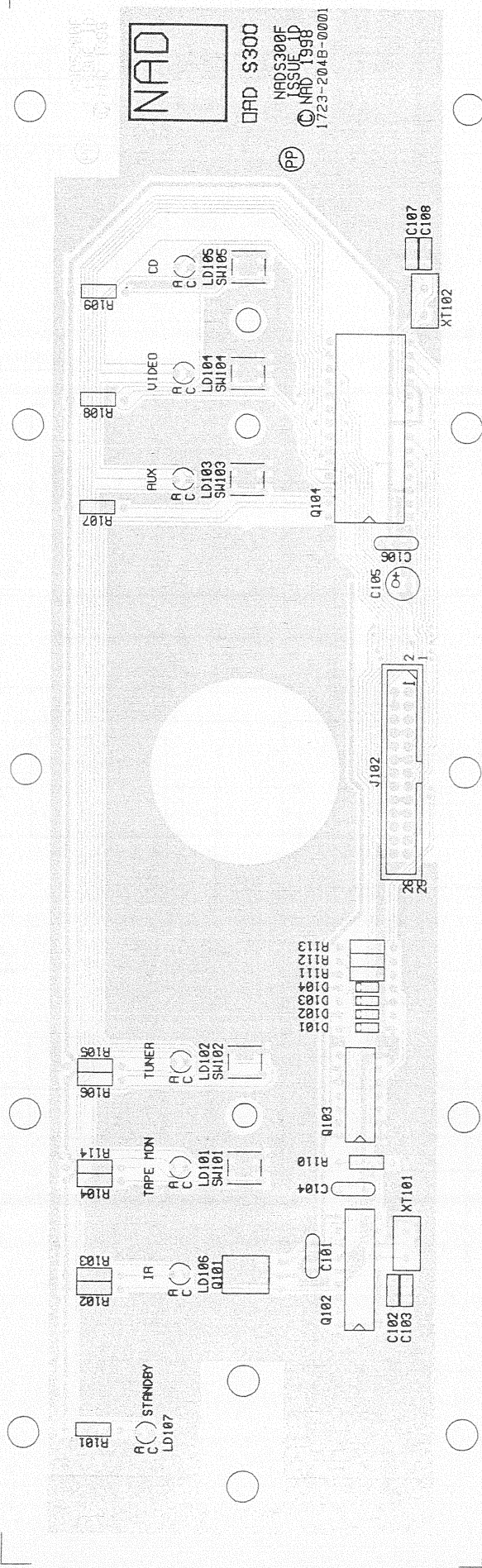


RIGHT AMP BOARD - SOLDER SIDE

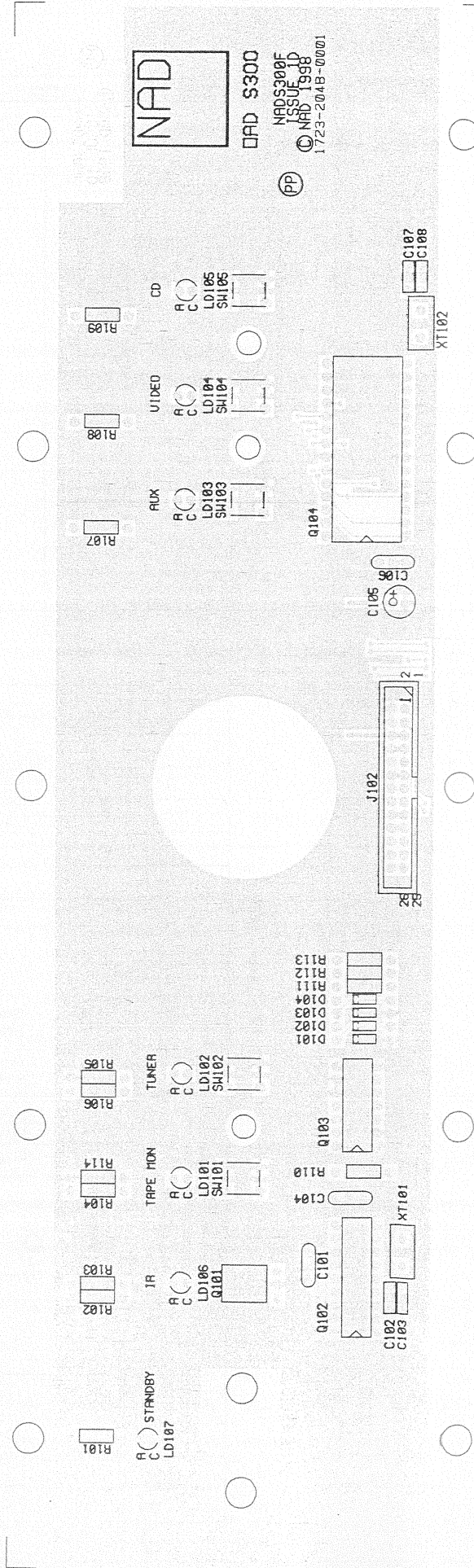


PCB LAYOUT

FRONT PANEL - COMPONENT SIDE

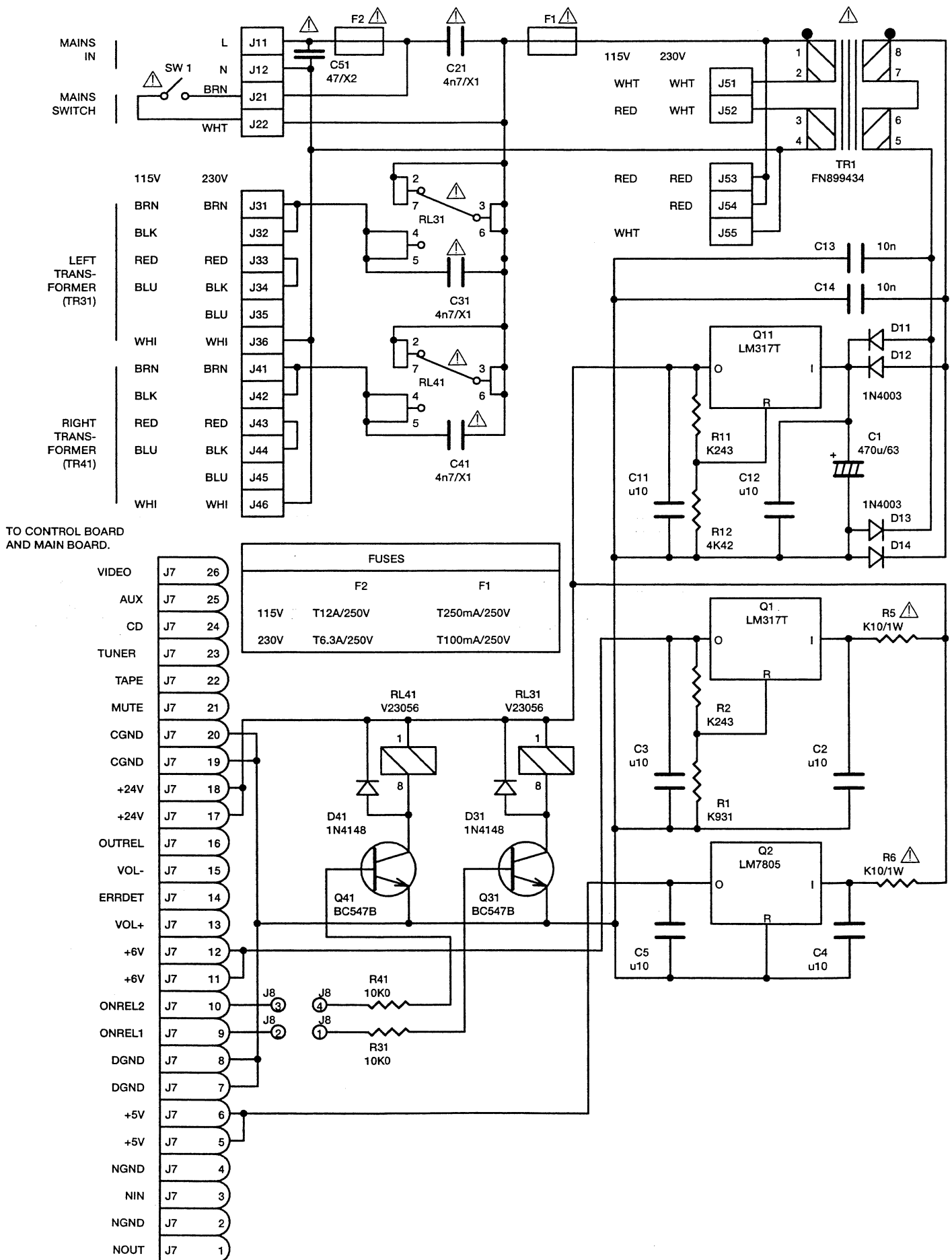


FRONT PANEL - SOLDER SIDE



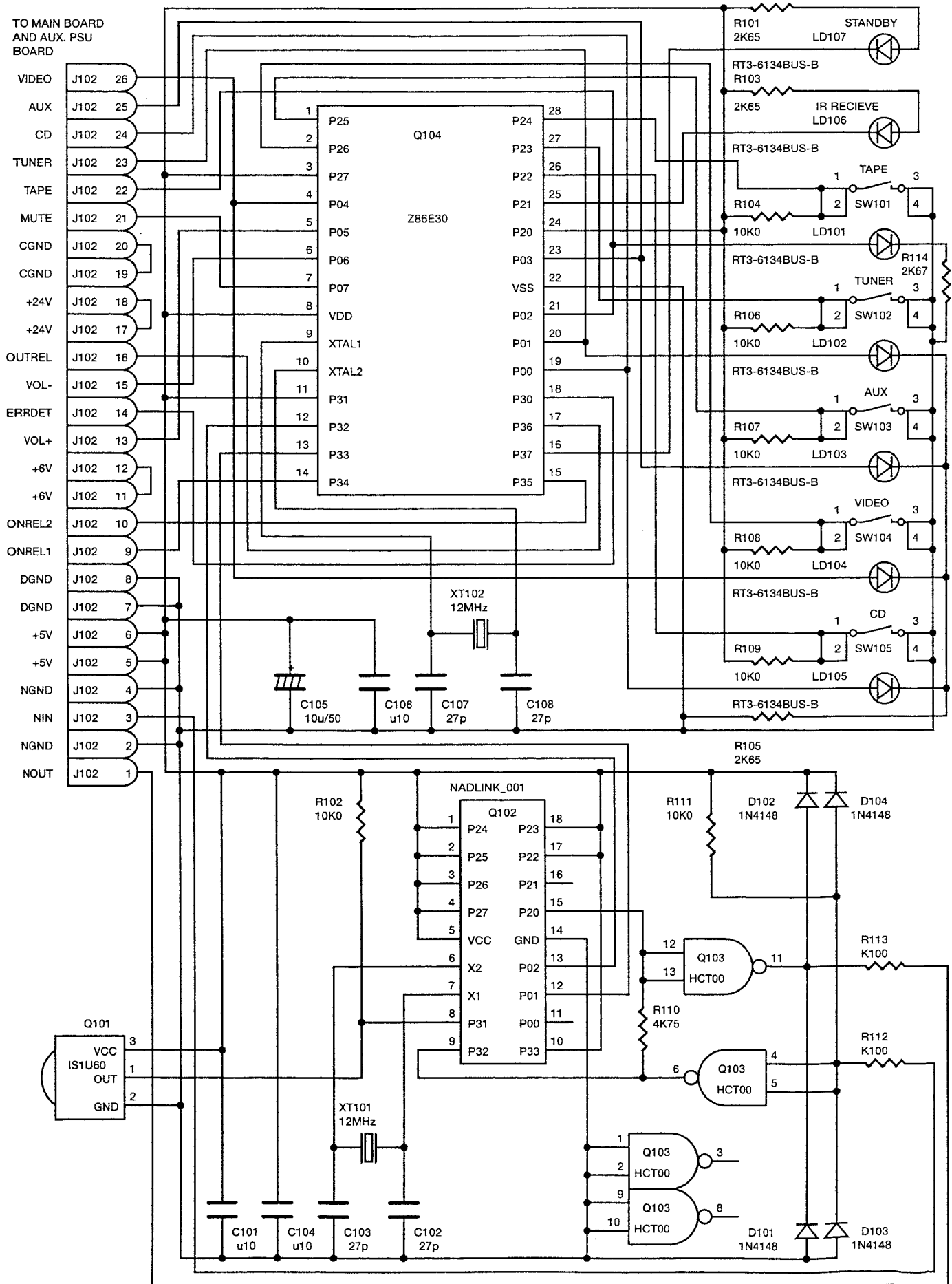
SCHEMATIC DIAGRAM

PSU BOARD



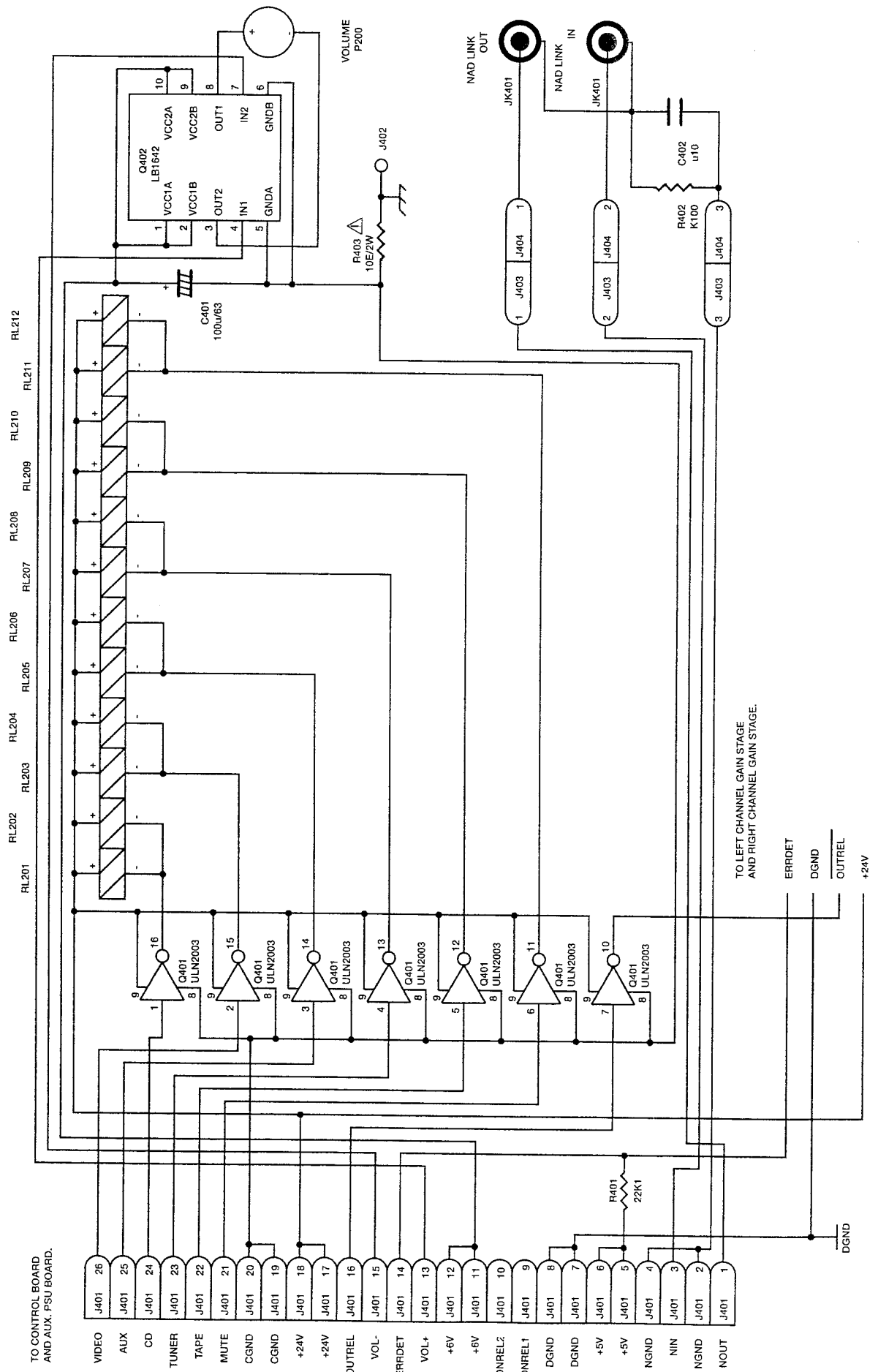
SCHEMATIC DIAGRAM

FRONT PANEL BOARD



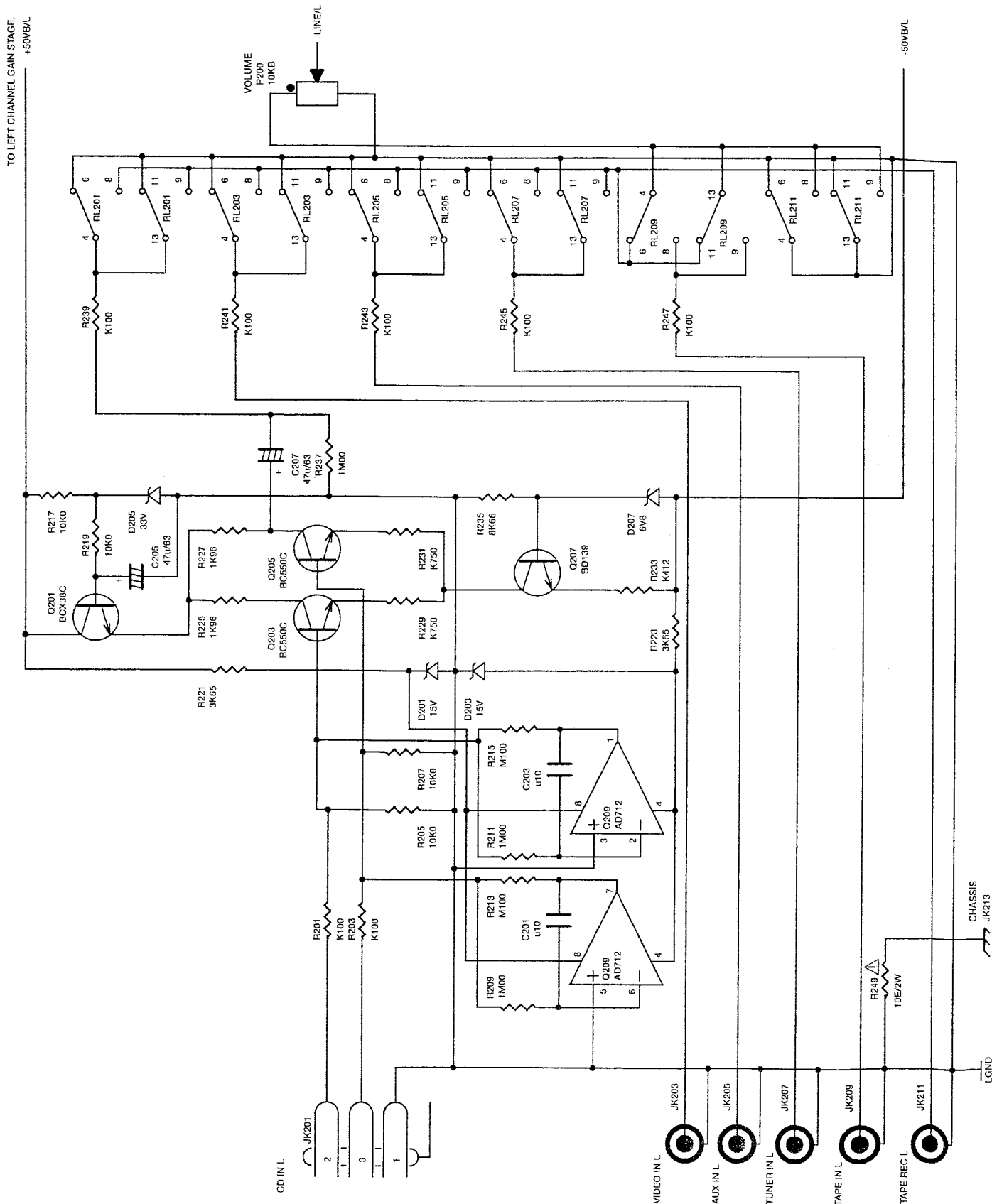
SCHEMATIC DIAGRAM

CONTROL INTERFACE



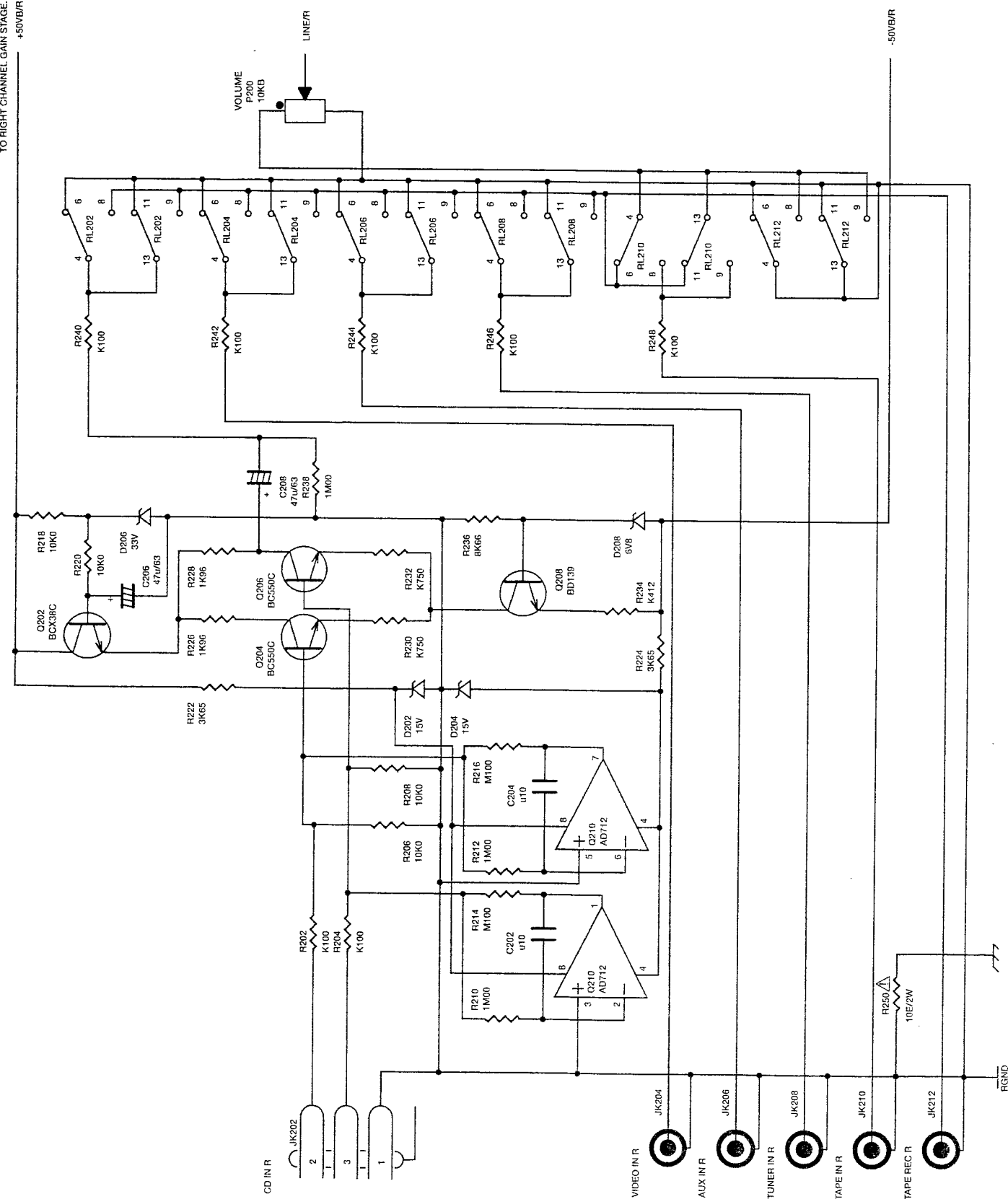
SCHEMATIC DIAGRAM

LEFT INPUT SELECTOR



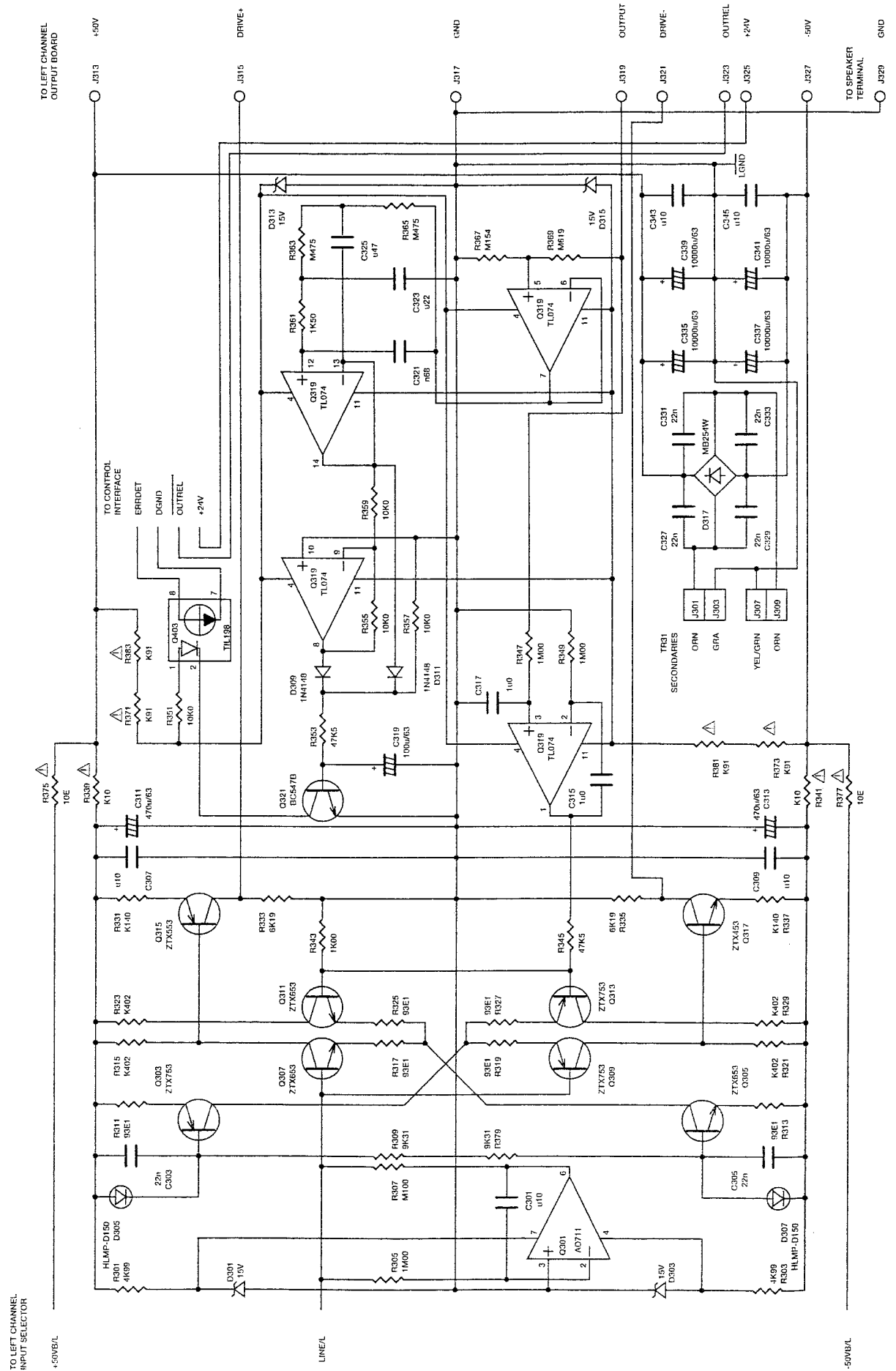
SCHEMATIC DIAGRAM

RIGHT INPUT SELECTOR



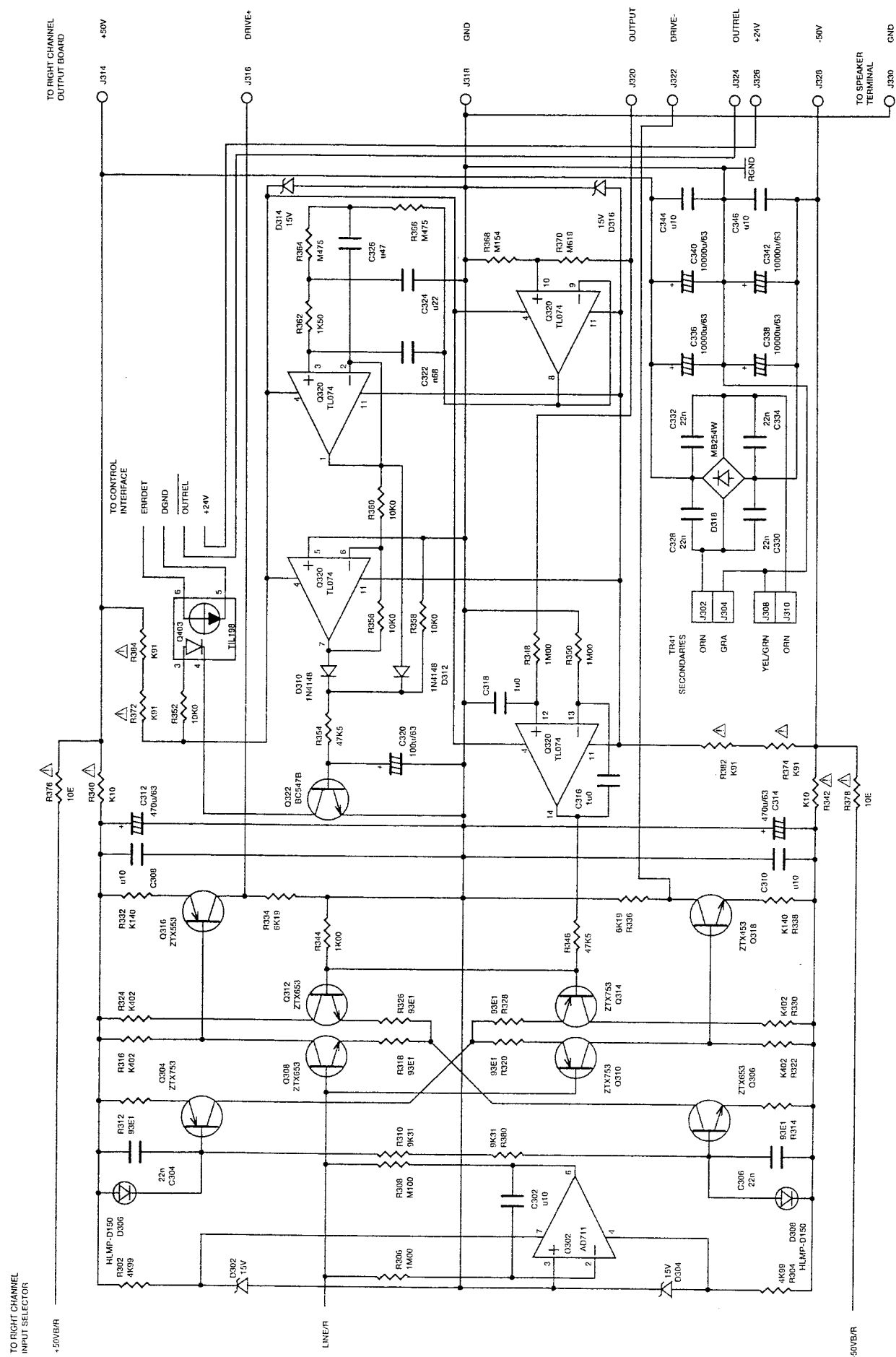
SCHEMATIC DIAGRAM

LEFT GAIN STAGE



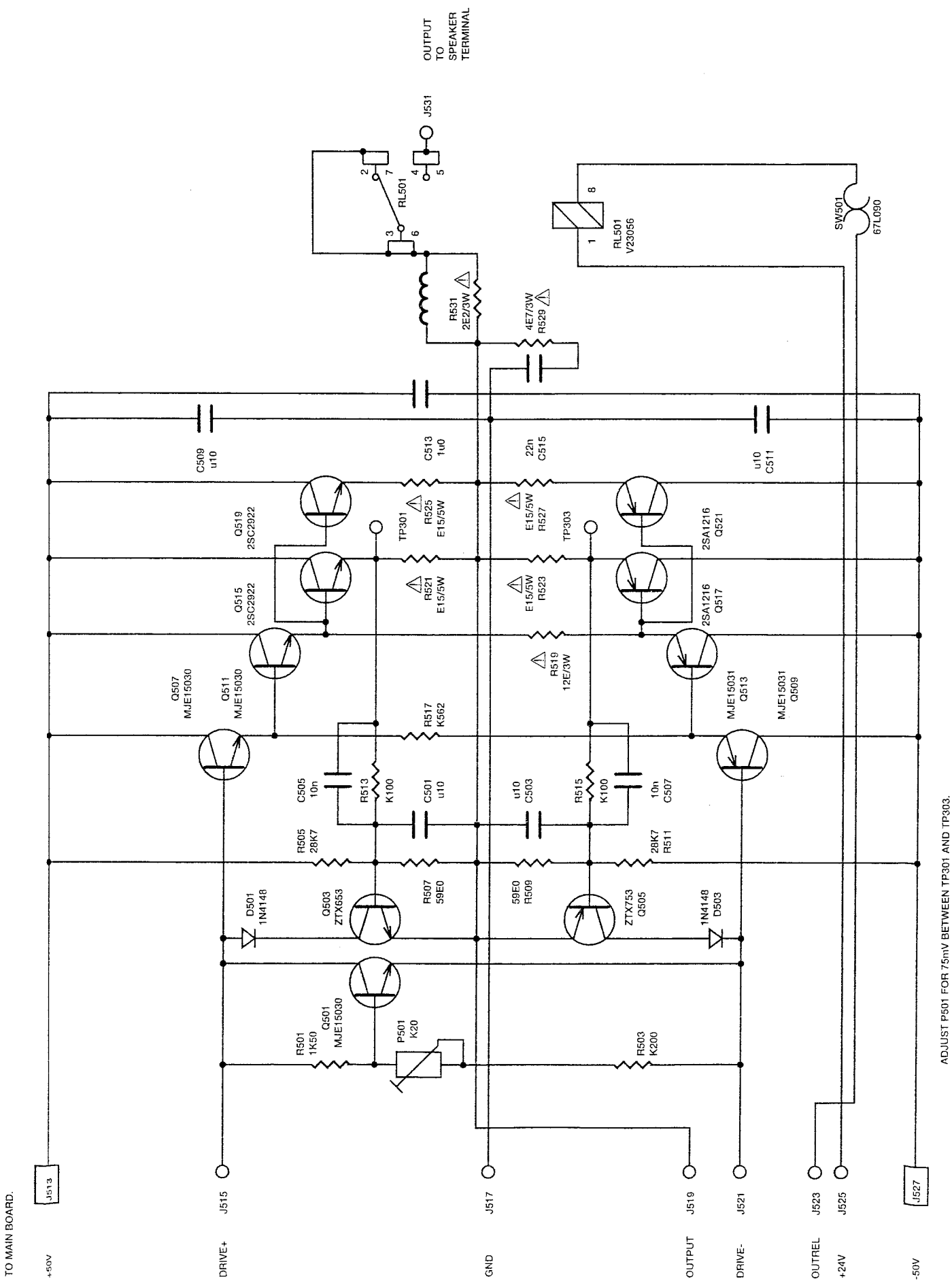
SCHEMATIC DIAGRAM

RIGHT GAIN STAGE

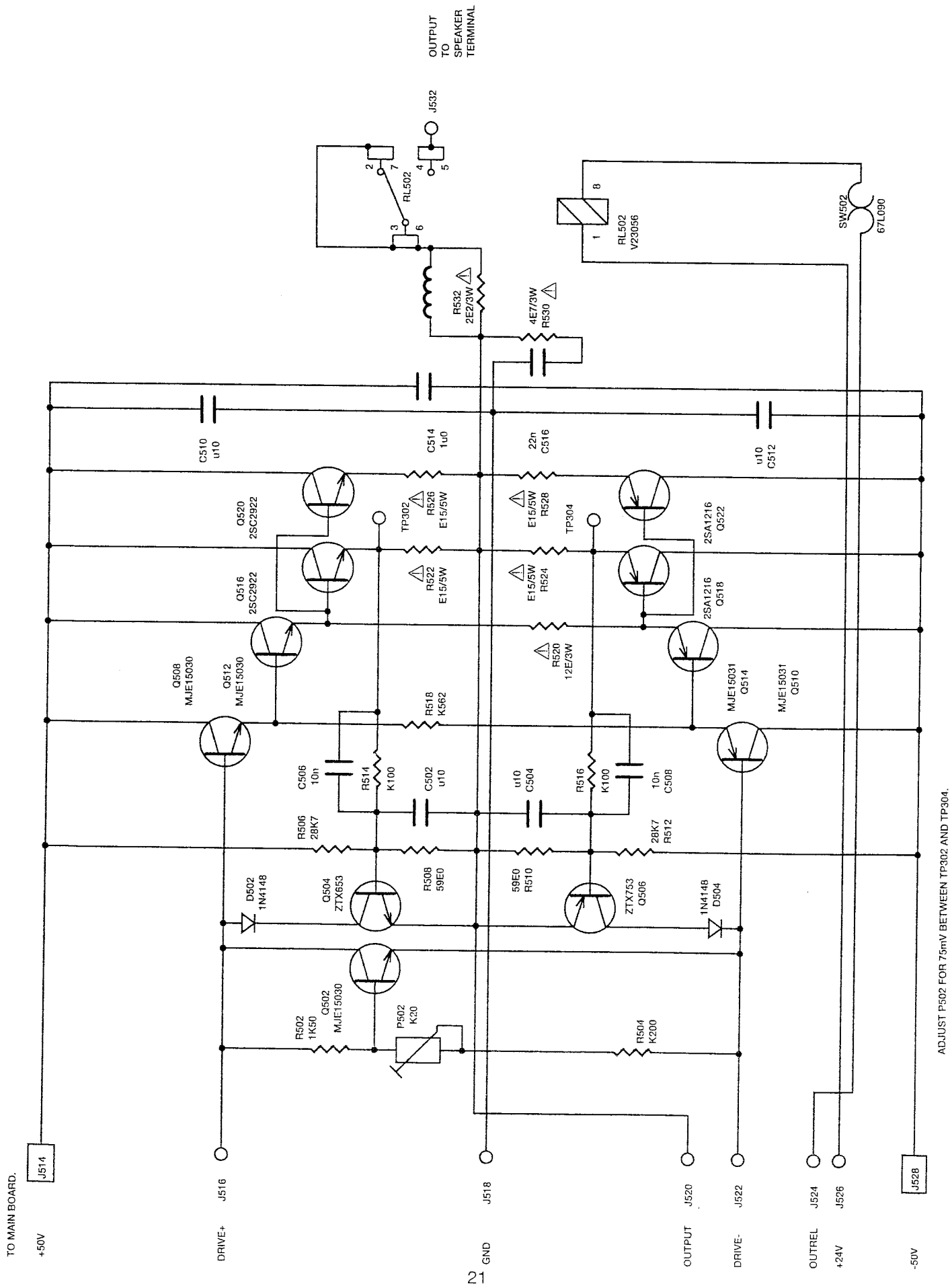


SCHEMATIC DIAGRAM

LEFT AMP

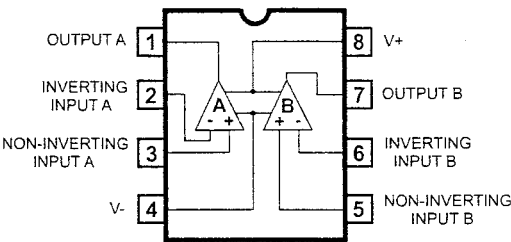


SCHEMATIC DIAGRAM
RIGHT AMP

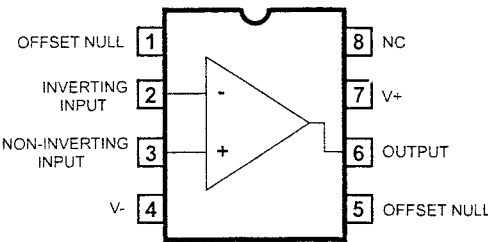


IC BLOCK DIAGRAM

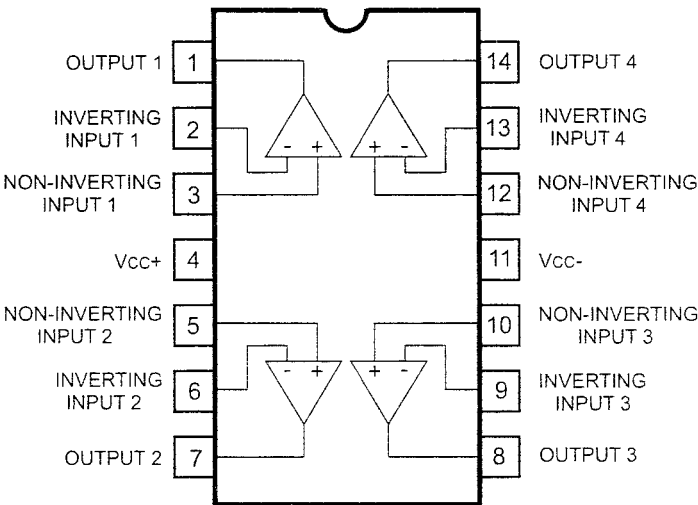
Q209-Q210: AD712JN
HIGH PERFORMANCE DUAL OP-AMP



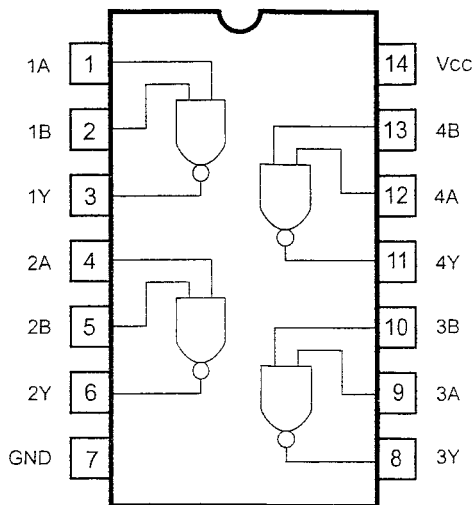
Q301-Q302: AD711JN
HIGH PERFORMANCE MONO OP-AMP



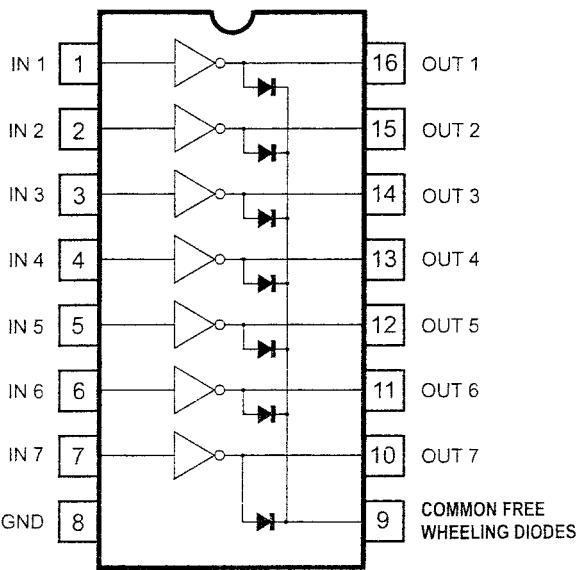
Q319-Q320: TL074CN
LOW NOISE QUAD OP-AMP



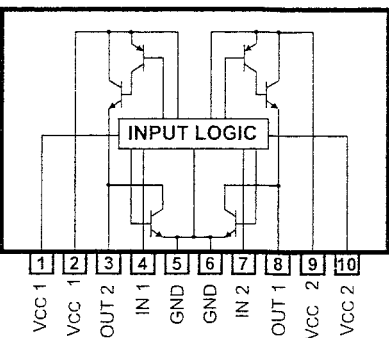
Q103: 74HCT00
2-INPUT QUAD NAND GATE



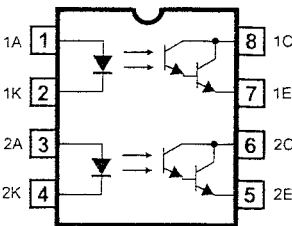
Q401: ULN2003A
7 DARLINGTON ARRAYS FOR RELAY DRIVE



Q402: LB1642
MOTOR DRIVER



Q403: TIL198B
DUAL OPTOCOUPLER



ELECTRICAL PARTS LIST

Reference No	Part Number	Description
MAIN BOARD ASSEMBLY		
PCB BOARD		
	PCB-N0840C-INP	MAIN BOARD ASSEMBLY
CAPACITORS		
C201-C204	153I-104M-9-NLU	CM 63V 0.1uF 20%
C205-C208	157I-476M-5-OVF	CE 63V 47uF 20%
C301-C302	153I-104M-9-NLU	CM 63V 0.1uF 20%
C303-C306	153I-223M-9-NLU	CM 63V 0.022uF 20%
C307-C310	153R-104K-9-YQS	CM 250V 0.1uF 10%
C311-C314	157I-477M-5-X&F	CE 63V 470uF 20%
C315-C318	153I-105M-9-NSU	CM 63V 1uF 20%
C319-C320	157I-107M-5-SXF	CE 63V 100uF 20%
C323-C324	153I-224M-9-NNU	CM 63V 0.22uF 20%
C325-C326	153I-474M-9-NRU	CM 63V 0.47uF 20%
C327-C334	153R-223M-9-NNU	CM 250V 0.022uF 20%
C335-C342	8910-0078-0	CE 63V 10000uF 20%
C343-C346	153R-104K-9-YQS	CM 250V 0.1uF 10%
C401	157I-107M-5-SXF	CE 63V 100uF 20%
C402	153I-104M-9-NLU	CM 63V 0.1uF 20%
DIODES		
D201-D204	4837-15C1-2	DZ 1/2W 14.3-15.1V
D205-D206	4837-33V1-2	DZ 1/2W 33V
D207-D208	4837-6V81-2	DZ 1/2W 6.8V
D301-D304	4837-15C1-2	DZ 1/2W 14.3-15.1V
D305-D308	3700-2527-R	RED LED 5MM W/STOPPER
D309-D312	4804-1480-2	DIODE 1N4148
D313-D316	4837-15C1-2	DZ 1/2W 14.3-15.1V
D317-D318	4840-1740-0	BRIDGE RECTIFIER KBPC1504 15A 400V
JACKS		
JK201-JK202	2113-1152-0	XLR JACK FEMALE
JK203,JK205,JK207	2113-1306-0	1P RCA JACK WHITE CHASSIS MOUNT
JK204,JK206,JK208	2113-1206-0	1P RCA JACK RED CHASSIS MOUNT
JK209,JK211	2113-1306-0	1P RCA JACK WHITE CHASSIS MOUNT
JK210,JK212	2113-1206-0	1P RCA JACK RED CHASSIS MOUNT
JK213	4132-1181-0	GROUND TERMINAL
JK401	2113-1121-0	2P RCA JACK Y/Y AU HSP-242V-22
VARIABLE RESISTOR		
P200	4750-4796-0	VR RK27112-MC 2X10KA
TRANSISTORS		
Q201-Q202	485C-X38C-5	TR BCX38C HFE 5000-10000
Q203-Q206	485C-550C-5	TR BC550C
Q207-Q208	485D-1390-5	TR BD139-10 HFE63-160
Q303-Q304	4860-8290-0	TR ZTX753
Q305-Q308	4860-8300-0	TR ZTX653
Q309-Q310	4860-8290-0	TR ZTX753
Q311-Q312	4860-8300-0	TR ZTX653
Q313-Q314	4860-8290-0	TR ZTX753
Q315-Q316	4860-2160-5	TR ZTX553
Q317-Q318	4860-2150-5	TR ZTX453
Q321-Q322	485C-547B-5	TR BC547B HFE 200-450

Reference No	Part Number	Description
ICs		
Q209-Q210	3130-3830-0	IC AD712 (JN) ANALOG DEVICES
Q301-Q302	3130-7460-0	IC AD711JN HIGH SPEED O.P AMP
Q319-Q320	3130-7360-0	IC TL074CN OP. AMP
Q401	3130-7450-0	IC ULN2003A RELAY DRIVER
Q402	3130-3410-0	IC LB1642 MOTOR DRIVER
Q403	3130-7470-0	IC TIL198(B)
RESISTORS		
R201-R204	471G-101A-2-E	RMF 0.6W 100R 1%
R205-R208	471G-103A-2-E	RMF 0.6W 10K 1%
R209-R212	471G-105A-2-E	RMF 0.6W 1M 1%
R213-R216	471G-104A-2-E	RMF 0.6W 100K 1%
R217-R220	471G-103A-2-E	RMF 0.6W 10K 1%
R221-R224	471G-3651-2-E	RMF 0.6W 3.65K 1%
R225-R228	471G-1961-2-E	RMF 0.6W 1.96K 1%
R229-R232	471G-751A-2-E	RMF 0.6W 750R 1%
R233-R234	471G-4120-2-E	RMF 0.6W 412R 1%
R235-R236	471G-8661-2-E	RMF 0.6W 8.66K 1%
R237-R238	471G-105A-2-E	RMF 0.6W 1M 1%
R239-R248	471G-101A-2-E	RMF 0.6W 100R 1%
R249-R250	4719-100J-1-E	RFP 2W 10R 5%
R301-R304	471G-4991-2-E	RMF 0.6W 4.99K 1%
R305-R306	471G-105A-2-E	RMF 0.6W 1M 1%
R307-R308	471G-104A-2-E	RMF 0.6W 100K 1%
R309-R310	471G-9311-2-E	RMF 0.6W 9.31K 1%
R311-R314	471G-93R1-2-E	RMF 0.6W 93.1R 1%
R315-R316	471G-4020-2-E	RMF 0.6W 402R 1%
R317-R320	471G-93R1-2-E	RMF 0.6W 93.1R 1%
R321-R324	471G-4020-2-E	RMF 0.6W 402R 1%
R325-R328	471G-93R1-2-E	RMF 0.6W 93.1R 1%
R329-R330	471G-4020-2-E	RMF 0.6W 402R 1%
R331-R332	471G-141A-2-E	RMF 0.6W 140R 1%
R333-R336	471G-6191-2-E	RMF 0.6W 6.19K 1%
R337-R338	471G-141A-2-E	RMF 0.6W 140R 1%
R339-R342	471E-101J-2-EF	RFU 0.3W 100R 5%
R343-R344	471G-102A-2-E	RMF 0.6W 1K 1%
R345-R346	471G-4752-2-E	RMF 0.6W 47.5K 1%
R347-R350	471G-105A-2-E	RMF 0.6W 1M 1%
R351-R352	471G-103A-2-E	RMF 0.6W 10K 1%
R353-R354	471G-4752-2-E	RMF 0.6W 47.5K 1%
R355-R360	471G-103A-2-E	RMF 0.6W 10K 1%
R361-R362	471G-152A-2-E	RMF 0.6W 1.5K 1%
R363-R366	471G-4753-2-E	RMF 0.6W 475K 1%
R367-R368	471G-1543-2-E	RMF 0.6W 154K 1%
R369-R370	471G-6193-2-E	RMF 0.6W 619K 1%
R371-R374	471E-911J-2-EF	RFU 0.3W 910R 5%
R375-R378	471E-100J-2-EF	RFU 0.3W 10R 5%
R379-R380	471G-9311-2-E	RMF 0.6W 9.31K 1%
R381-R384	471E-911J-2-EF	RFU 0.3W 910R 5%
R401	471G-2212-2-E	RMF 0.6W 22.1K 1%
R402	471G-101A-2-E	RMF 0.6W 100R 1%
R403	4719-100J-1-E	RFP 2W 10R 5%
RELAYS		
RL201-RL212	4500-0250-0	RELAY M4-24H

Reference No	Part Number	Description
<u>CONTROL BOARD ASSEMBLY</u>		
<u>PCB BOARD</u>		
	PCB-N0840C-KEY	CONTROL BOARD ASSEMBLY
<u>CAPACITORS</u>		
C102-C103	15CG-270A-5-HKE	CC 50V 27pF 1% NPO
C105	157F-106M-5-IUK	CE 50V 10uF 20%
C107-C108	15CG-270A-5-HKE	CC 50V 27pF 1% NPO
<u>DIODES</u>		
D101-D104	4804-1480-2	DIODE 1N4148
<u>LEDS</u>		
LD1-LD7	3700-3538-B	BLUE LED 3MM FLAT
<u>IR SENSOR</u>		
Q101	481X-8035-3	IR SENSOR SBX8035-F
<u>ICs</u>		
Q102	3130-6410-0	IC Z86E08 PROGRAMMED OTP MICON
Q103	3130-7370-0	IC 74HCT00 NAND GATE
Q104	3130-7530-0	IC Z86E30 28PIN D/P OTP
<u>RESISTORS</u>		
R101,R103	471G-2671-2-E	RMF 0.6W 2.67K 1%
R104,R106-R109	471G-103A-2-E	RMF 0.6W 10K 1%
R105	471G-2671-2-E	RMF 0.6W 2.67K 1%
R110	471G-4751-2-E	RMF 0.6W 4.75K 1%
R111	471G-103A-2-E	RMF 0.6W 10K 1%
R112-R113	471G-101A-2-E	RMF 0.6W 100R 1%
R114	471G-2671-2-E	RMF 0.6W 2.67K 1%
<u>SWITCHES</u>		
SW101-SW105	5200-3011-0-01	TACT SWITCH 4P
<u>RESONATORS</u>		
XT101-XT102	2703-0190-0	CR RESONATOR CSA 12MHZ
<u>PSU ASSEMBLY</u>		
<u>PC BOARD</u>		
*AH	PCB-N0840C-PSU	PSU ASSEMBLY
*C	PCB-N0841C-PSU	PSU ASSEMBLY
<u>CAPACITORS</u>		
C1	157I-477M-5-X&F	CE 63V 470uF 20%
C2-C5,C11-C12	153I-104M-9-NLU	CM 63V 0.1uF 20%
C21,C31,C41	8910-0049-0	CAP 400V 4700pF DE7150F472MVA1KC
C51	8910-0271-0	CAP 250V PHE830M 0.047uF
<u>DIODES</u>		
D11-D14	4804-0030-2	DIODE IN4003
D31-D41	4804-1480-2	DIODE 1N4148
<u>FUSES</u>		
F1*AH	5100-2510-1C	FUSE 250mA 250V TIME LAG 5X20MM UL/CSA

Reference No	Part Number	Description
F2*AH 	5120-0061-0	FUSE 12A 250V TIME LAG 6.3X32MM UL/CSA
F1*C 	5120-0035-0	FUSE 100mA 250V TIME LAG 5X20MM VDE/SEMKO
F2*C 	5120-0025-0	FUSE 6.3A 250V TIME LAG HBC 5X20MM VDE/SEMKO
FH1,FH2*C 	4152-5141-0	FUSE HOLDER 5X20MM PCB MOUNT
FH2*AH 	4152-5131-0	FUSE HOLDER 6X30MM PCB MOUNT
ICs		
Q1,Q11	3130-5610-0	IC LM317T+ADJ REGULATOR
Q2	3130-2020-3	IC 7805 REG 5V 1.5A
TRANSISTORS		
Q31,Q41	485C-547B-5	TR BC547B HFE 200-450
RESISTORS		
R1	471G-9310-2-E	RMF 0.6W 931R 1%
R2	471G-2430-2-E	RMF 0.6W 243R 1%
R5-R6	4718-101J-1-E	RMF 1W 100R 5%
R11	471G-2430-2-E	RMF 0.6W 243R 1%
R12	471G-4421-2-E	RMF 0.6W 4.42K 1%
R31,R41	471G-103A-2-E	RMF 0.6W 10K 1%
RELAYS		
RL31-RL41 	4500-0280-0	RELAY VSB-24MB 16A SPST
TRANSFORMER		
TR1 	1806-2207-0	TRANSFORMER 899434 6VA 0-12 0-12V
LEFT AMPLIFIER ASSEMBLY		
PCB BOARD	PCB-N0840C-AMPL	LEFT AMPLIFIER ASSEMBLY
CAPACITORS		
C501,C503	153I-104M-9-NLU	CM 63V 0.1uF 20%
C505,C507	153I-103K-9-NLU	CM 63V 0.01uF 10%
C509,C511	153R-104K-9-YQS	CM 250V 0.1uF 10%
C513	153R-105M-1-S@	CM 250V 1uF 20%
C515	153R-223K-9-YQS	CM 250V 0.022uF 10%
DIODES		
D501-D503	4804-1480-2	DIODE 1N4148
VARIABLE RESISTOR		
P501	4756-2010-3-18	SVR 200 3386H-1-201
TRANSISTORS		
Q501	4860-8380-0	POWER TR MJE15030
Q503	4860-8300-0	TR ZTX653
Q505	4860-8290-0	TR ZTX753
Q507,Q511	4860-8380-0	POWER TR MJE15030
Q509,Q513	4860-8390-0	POWER TR MJE15031
Q515,Q519	4860-8320-0	TR 2SC2922
Q517,Q521	4860-8310-0	TR 2SA1216

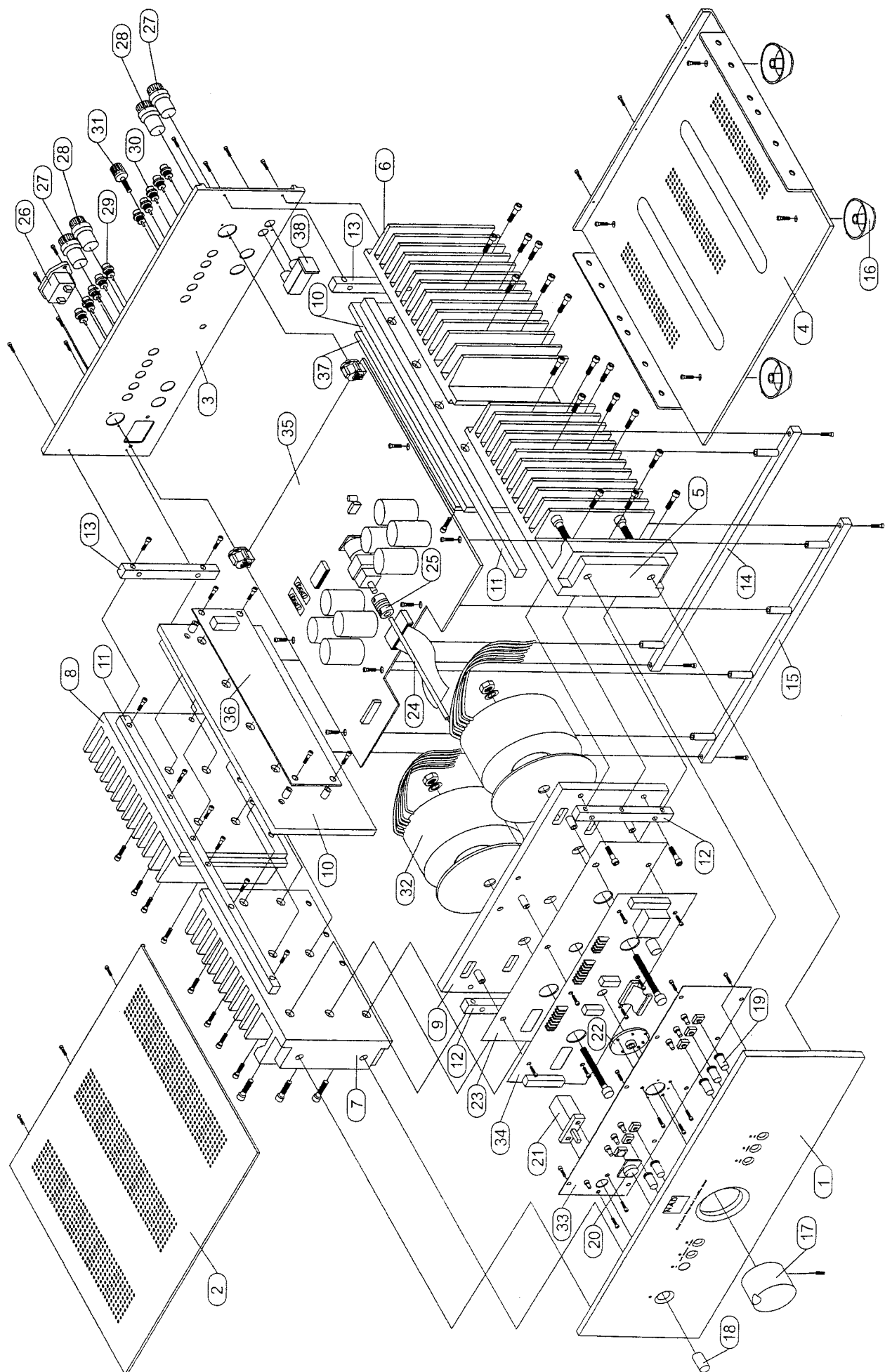
Reference No		Part Number	Description
RESISTORS			
R501		471G-152A-2-E	RMF 0.6W 1.5K 1%
R503		471G-201A-2-E	RMF 0.6W 200R 1%
R505		471G-2872-2-E	RMF 0.6W 28.7K 1%
R507,R509		471G-590A-2-E	RMF 0.6W 59R 1%
R511		471G-2872-2-E	RMF 0.6W 28.7K 1%
R513,R515		471G-101A-2-E	RMF 0.6W 100R 1%
R517		471G-5620-2-E	RMF 0.6W 562R 1%
R519	△	471A-120J-1-E	RFP 3W 12R 5%
R521,R523	△	474B-R15J-1-E	RWR 5W 0.15R 5%
R525,R527	△	474B-R15J-1-E	RWR 5W 0.15R 5%
R529	△	471A-4R7J-1-E	RFP 3W 4.7R 5%
R531	△	471A-2R2J-1-E	RFP 3W 2.2R 5%
RELAY			
RL501		4500-0280-0	RELAY VSB-24MB 16A SPST
THERMAL BREAKER			
SW501		8910-0055-0	THERMAL BREAKER
RIGHT AMPLIFIER ASSEMBLY			
PCB BOARD			
		PCB-N0840C-AMPR	RIGHT AMPLIFIER ASSEMBLY
CAPACITORS			
C502,C504		153I-104M-9-NLU	CM 63V 0.1uF 20%
C506,C508		153I-103K-9-NLU	CM 63V 0.01uF 10%
C510,C512		153R-104K-9-YQS	CM 250V 0.1uF 10%
C514		153R-105M-1-S@	CM 250V 1uF 20%
C516		153R-223K-9-YQS	CM 250V 0.022uF 10%
DIODES			
D502,D504		4804-1480-2	DIODE 1N4148
VARIABLE RESISTOR			
P502		4756-2010-3-18	SVR 200 3386H-1-201
TRANSISTORS			
Q502		4860-8380-0	POWER TR MJE15030
Q504		4860-8300-0	TR ZTX653
Q506		4860-8290-0	TR ZTX753
Q508,Q512		4860-8380-0	POWER TR MJE15030
Q510,Q514		4860-8390-0	POWER TR MJE15031
Q516,Q520		4860-8320-0	TR 2SC2922
Q518,Q522		4860-8310-0	TR 2SA1216
RESISTORS			
R502		471G-152A-2-E	RMF 0.6W 1.5K 1%
R504		471G-201A-2-E	RMF 0.6W 200R 1%
R506		471G-2872-2-E	RMF 0.6W 28.7K 1%
R508,R510		471G-590A-2-E	RMF 0.6W 59R 1%
R512		471G-2872-2-E	RMF 0.6W 28.7K 1%
R514,R516		471G-101A-2-E	RMF 0.6W 100R 1%
R518		471G-5620-2-E	RMF 0.6W 562R 1%
R520	△	471A-120J-1-E	RFP 3W 12R 5%

<u>Reference No</u>	<u>Part Number</u>	<u>Description</u>
R522,R524 ⚠	474B-R15J-1-E	RWR 5W 0.15R 5%
R526,R528 ⚠	474B-R15J-1-E	RWR 5W 0.15R 5%
R530 ⚠	471A-4R7J-1-E	RFP 3W 4.7R 5%
R532 ⚠	471A-2R2J-1-E	RFP 3W 2.2R 5%
RELAY		
RL502	4500-0280-0	RELAY VSB-24MB 16A SPST
THERMAL BREAKER		
SW502	8910-0055-0	THERMAL BREAKER

NOTE : - The components identified by ⚠ mark are critical for risk of fire and electrical shock.
 Replace only with part number specified.

- <*AH> : USA, Canadian model only.
- <*C> : European model only.
- Capacitors : CM-Mylar, CE-Electrolytic, CC-Ceramic.
- Resistors : RMF-Metal Film, RFU-Fusible, RFP-Flame Proof, RWR-Wirewound.

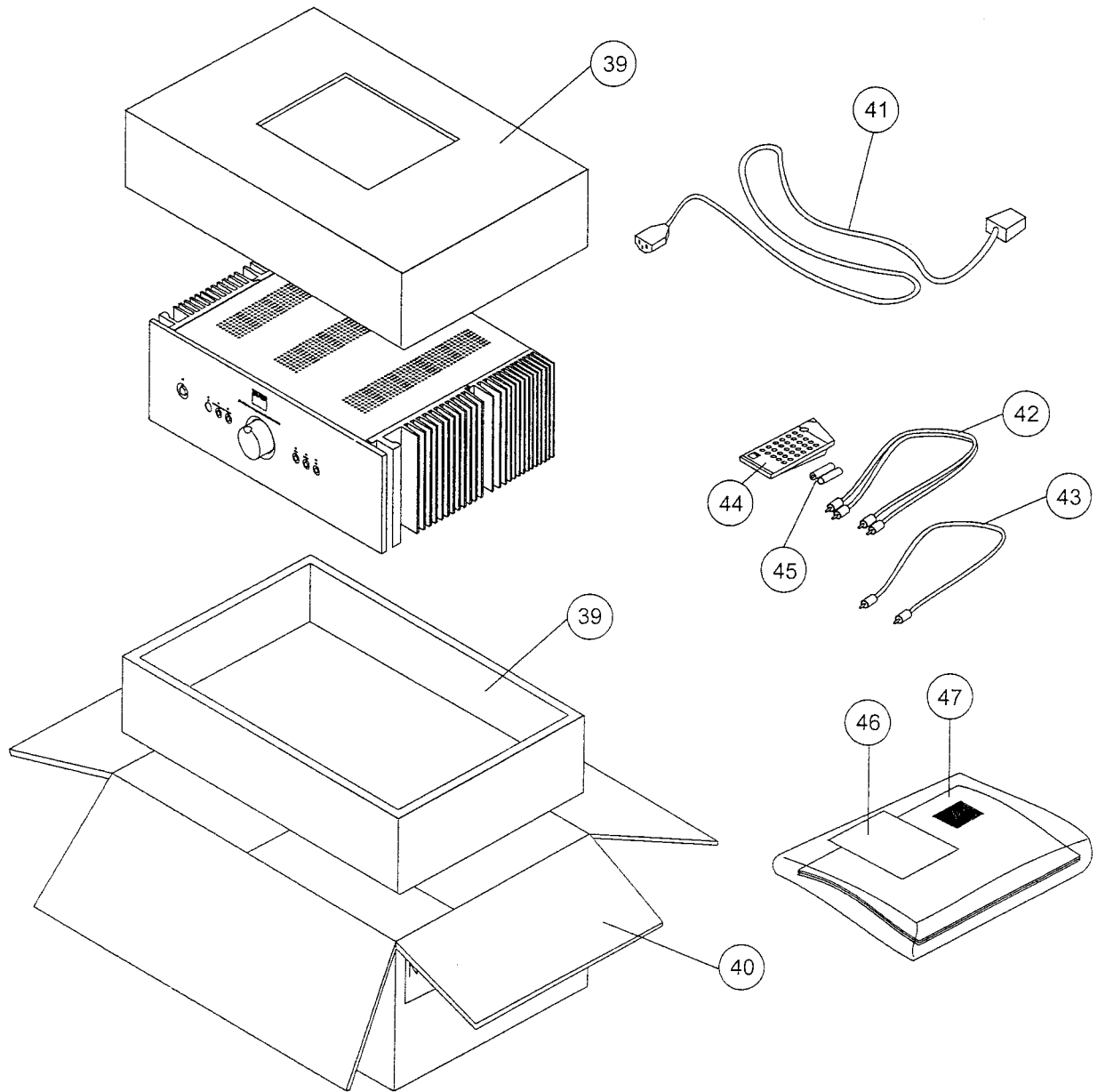
EXPLODED VIEW



EXPLODED VIEW PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	S300-2002-4	FASCIA	1
2	S200-2005-2	TOP COVER	1
3*AH	S300-2004AH-4	REAR PANEL 120V	1
3*C	S300-2004C-4	REAR PANEL 230V	1
4	S300-2003-2	BASE PLATE	1
5	S300-2003-3	RIGHT FRONT HEATSINK	1
6	S300-2023-2	RIGHT REAR HEATSINK	1
7	S300-2013-3	LEFT FRONT HEATSINK	1
8	S300-2033-2	LEFT REAR HEATSINK	1
9	S300-2012-4	SUBFASCIA	1
10	S300-2043-3	HEATSINK PLATE	2
11	S300-2015-3	TOP COVER MOUNTING BAR	2
12	S300-2022-3	SUBFASCIA BAR	2
13	S300-2014-4	REAR PANEL BAR	2
14	S300-2006-2A	INPUT BOARD BAR 1	1
15	S300-2006-2B	INPUT BOARD BAR 2	1
16	S100-2013-2	FOOT W/ RUBBER CUSHION	4
17	S300-2032-2	VOLUME KNOB	1
18	S100-2011-3	10MM POWER BUTTON	1
19	S400-2121-1	6MM INPUT BUTTON	5
20	S100-2221-1	IRS LENS	1
21	S300-0205	POWER SWITCH	1
22	S300-2052	VOLUME BUSHING	1
23	S300-2112	ISOLATION PLATE	1
24	S300-2042-2	VOLUME SHAFT	1
25	BSK 44 02 40	VOLUME COUPLING	1
26	PX0690/28	AC INLET	1
27	WBT-745 BLACK	SPEAKER TERMINAL BLACK	2
28	WBT-745 RED	SPEAKER TERMINAL RED	2
29	S300-0202	RCA JACK WHITE	5
30	S300-0201	RCA JACK RED	5
31	S300-0206	GROUND TERMINAL	1
32	TI-65300A	TRANSFORMER	1
33	S300-0150	FRONT PANEL PCB	1
34	S300-0100	PSU PCB	1
35	S300-0151	INPUT STAGE PCB	1
36	S300-0140	LEFT POWER STAGE PCB	1
37	S300-0130	RIGHT POWER STAGE PCB	1
38	S300-0204	NAD LINK PCB	1

PACKING DIAGRAM



ITEM	PART NUMBER	DESCRIPTION	QTY.
39	311232	POLYFOAM	1 SET
40	S300-2010-A	CARTON BOX	1
41*AH	POW4	POWER CORD NEMA 1-15 POLARIZED	1
41*C	POW2	POWER CORD CEE (7) XVII	1
42	101-000A	AUDIO CABLE	1
43	101-000B	NAD LINK CABLE	1
44	RC 450	REMOTE CONTROL HANDSET	1
45	R03	BATTERY	1 SET
46	WARR	WARRANTY CARD	1
47	S300-IM	INSTRUCTION MANUAL	1